CONTENTS OF VOLUME 6, 1991

Number 1

Editorial	1	
Ulla L. Nilsson	3	Visual rehabilitation with and without educational training in the use of optical aids and residual vision. A prospective study of patients with advanced age-related macular degeneration
Mehul Mehta, Osamu Katsumi, Hiroshi Sakaue, Tatsuo Hirose and Rebecca B. Rosen- stein	11	Effect of artificial distortion on the pattern reversal visual evoked response
Carmela Trimarchi, Giampaolo Biral, Luciano Domenici, Vittorio Porciatti and Silvia Bisti	19	The flash- and pattern-electroretinogram generators in the cat: a pharmacological approach
Barbara E. S. Fox and Kenneth W. Wright	25	Pattern visual evoked potentials in children under general anesthesia and chloral hydrate
Karl F. Van Orden and Joseph F. Sturr	31	Age-related amplitude changes of the pattern reversal evoked potential depend on stimulus spatial frequency and contrast
Velma Dobson, Nancy A. Carpenter, Karen Bonvalot and Jennifer Bossler	39	The acuity card procedure: interobserver agreement in infants with perinatal complications
Research Reports Mark O. Scase, David H. Foster, William P. Honan, James R. Heron, Martin C. Gulliford and John H. B. Scarpello	49	Abnormalities in hue discrimination revealed with very brief stimuli in diabetes mellitus and in optic neuritis
F. Early and A. T. Smith	59	Spatial frequency discrimination in normal ageing and in one case of Alzheimer's disease
N. Wioland, G. Rudolf and N. Bonaventure	65	Generation of light and dark induced variations of the standing potential: effects of sodium aspartate in the chicken eye in vivo
M. J. Zwarts, A. C. Kooijman, L. Kalma and J. P. W. F. Lakke	73	Double-flash electroretinography in Parkinson's disease
Letters		
N. Wali and L. E. Leguire	79	On the method for fitting the Naka-Rushton equation. Corrections to Aylward (1989)
Davida Y. Teller	81	The design of acuity cards: a reply to Robinson, Moseley and Fielder (1988)
M. J. Moseley, A. R. Fielder and J. Robinson	85	The design of acuity cards: comments on Teller (1990)
		Number 2
M. W. Hankins and H. Ikeda	87	The role of dopaminergic pathways at the outer plexiform layer of the mammalian retina
Nancy J. Newman, Jeremy M. Wolfe, Marian I. Stewart and Simmons Lessell	95	Binocular visual function in patients with a history of monocular optic neuritis
Karen Holopigian, William Seiple and Mark Kupersmith	109	VEP threshold and suprathreshold deficits in amblyopia
Kathleen Turano	119	Bisection judgments in patients with retinitis pigmentosa
James G. May, William J. Lovegrove, Francis Martin and Peter Nelson	131	Pattern-elicited visual evoked potentials in good and poor readers

iv	Conte	ents of Volume 6, 1991
P. Stanzione, M. Tagliati, M. Silvestrini, S. Porcu and G. Bernardi	137	Haloperidol delays pattern electroretinograms more than visual evoked potentials in normal humans: a pharmacological tool in Parkinson's disease pathophysiology
Paul A. Sieving	149	Retinal ganglion cell loss does not abolish the scotopic threshold response (STR) of the cat and human ERG
Phyllis Bobak, Michael Harrison, Eve Higginbotham and James Goodwin	159	Contrast discrimination in glaucoma
Case Report		
James E. Bailey, Vasudevan Lakshminarayanan and Jay M. Enoch	165	The Stiles-Crawford function in an aphakic subject with retinitis pigmentosa
		Number 3
Paul A. Sieving and Kenji Wakabayashi	171	Comparison of rod threshold ERG from monkey, cat, and human
Harvey A. Taub and Joseph F. Sturr	181	The effects of age and ocular health on letter contrast sensitivity and high and medium contrast acuity as a function of luminance
Elizabeth Thorpe Davis, Jerome Sherman, Sherry J. Bass and Cristina M. Schnider	191	Pre-surgical prediction of post-surgical visual function in cataract patients: multivariate statistical analyses of test measures
Gary L. Trick	209	Pattern evoked retinal and cortical potentials in diabetic patients
B. E. Schefrin, A. J. Adams and J. S. Werner	219	Anomalies beyond sites of chromatic opponency contribute to sensitivity losses of an S-cone pathway in diabetes
Gunilla Haegerstrom-Portnoy and Wayne Verdon	229	Transient tritanopia in a blue cone monochromat
Peter Kind, Chris Beaver and Donald E. Mitchell	241	Morphological changes induced in the lateral geniculate nucleus of kittens by regimens of part-time reverse occlusion that optimize the extent of behavioral recovery from early monocular deprivation
Research Report		
Joseph F. Sturr, Harvey A. Taub and Benjamin A. Hall	257	Foveal early dark adaptation in young and older observers in good ocular health
Announcement	I	
Corrigenda	II	
		Number 4
Jonathan D. Victor, Mary M. Conte	261	Ocular dependence of hemifield visual avalent materials, relevant to
and Costantino Iadecola	201	Ocular dependence of hemifield visual evoked potentials: relevance to bilateral cortical representation of central vision
Ruxandra Sireteanu	277	Restricted visual fields in both eyes of kittens raised with a unilateral, surgically induced strabismus: relationship to extrastriate cortical binocularity

and Wayne Verdon	227	Transient tritanopia in a otac cone monocinomat
Peter Kind, Chris Beaver and Donald E. Mitchell	241	Morphological changes induced in the lateral geniculate nucleus of kittens by regimens of part-time reverse occlusion that optimize the extent of behavioral recovery from early monocular deprivation
Research Report		
Joseph F. Sturr, Harvey A. Taub and Benjamin A. Hall	257	Foveal early dark adaptation in young and older observers in good ocular health
Announcement	1	
Corrigenda	II	
		Number 4
Jonathan D. Victor, Mary M. Conte and Costantino Iadecola	261	Ocular dependence of hemifield visual evoked potentials: relevance to bilateral cortical representation of central vision
Ruxandra Sireteanu	277	Restricted visual fields in both eyes of kittens raised with a unilateral, surgically induced strabismus: relationship to extrastriate cortical binocularity
Kathleen Turano and Ronald A. Schuchard	289	Space perception in observers with visual field loss
C. M. Dickinson and P. M. A. Rabbitt	301	Simulated visual impairment: effects on text comprehension and reading speed
Rockefeller S. L. Young	309	Low-frequency component of the photopic ERG in patients with X-linked congenital stationary night blindness
Koichiro Murayama, Chen Yu Kuo and Paul A. Sieving	317	Abnormal threshold ERG response in X-linked juvenile retinoschisis: evidence for a proximal retinal origin of the human STR
Christopher W. Tyler	323	Stability of temporal sensitivity with nicotine, alcohol and progester- one intake
Research Report		
Eileen E. Birch and Rand Spencer	331	Monocular grating acuity of healthy preterm infants

)

1

Number 5

335	A prospective study of binocularity and amblyopia in strabismic infants before and after corrective surgery: implications for the human critical period
355	Clinical measurements of binocular summation and inhibition in patients with cataract
361	Static and kinetic perimetric field defects in Gilles de la Tourette Syndrome: quantifying step-like visual field defects
371	Changes in step-like field defects in Gilles de la Tourette Syndrome measured after a period of one year
379	Spectral sensitivity function of the a -wave of the human electroretinogram in the dark-adapted eye
385	Harmonic analysis of congenital nystagmus waveforms
389	Should letter charts be used to measure contrast sensitivity?
391	Do letter charts measure contrast sensitivity?
401	Do letter charts measure contrast sensitivity?
409	Are letters better than gratings?
	Number 6
413	Nonlinearities in the focal electroretinogram
423	Macular flicker- and pattern-ERGs are differently affected in ocular hypertension and glaucoma
431	Recordings of visual evoked potentials after photostress in artificially increased intraocular pressure
437	Electrophysiological study of optic pathways in insulin dependent diabetes mellitus
445	Clinical importance of electroretinographic oscillatory potentials in early detection and objective evaluation for diabetic retinopathy
451	Analysis of the method of adjustment for testing potential acuity with the hyperacuity gap test—a preliminary report
457	Optic neuritis elevates hyperacuity thresholds for oscillatory movement
463	Effects of ocular-vergence stress on adaptation of tonic accommodation
	355 361 371 379 385 389 391 401 409 413 423 437 445 451